GA-MA790FXT-UD5P (rev. 1.0) **AMD 790FX + SB750 Chipset**

1. Ultra Durable 3 Technology with copper cooled quality for lower working temperature
2. Revolution energy saving design with Easy Energy Saver technology
3. Supports socket AM3 45nm AMD Phenom II series processors
4. Advanced 8+2 power phase design for 45nm CPU highly efficiency support
5. Dual Channel DDR3 1666+ for remarkable system performance
6. 2 PCI-E 2.0 x16 interface with ATI CrossFireX support for ultimate graphics performance
7. 2 Gigabit Ethernet LAN with Teaming functionality
8. Power/reset/Clr CMOS onboard button for power users
9. Blu-ray playback supported by high quality 106dB SNR ALC889A HD audio
10. Supports Dolby Home Theater audio to enjoy a rich surround sound experience
11. Patented DualBIOS with dual hardware BIOS protection

Spezifikationen

Prozessor	1. Support for Socket AM3 processors: AMD Phenom™ II X4 processor / AMD Phenom™ II X3 processor
Front Side Bus	1. 5200 MT/s
Chipsatz	1. North Bridge: AMD 790FX 2. South Bridge: AMD SB750
Arbeitsspeicher	1. 4 x 1.5V DDR3 DIMM sockets supporting up to 16 GB of system memory (Note 1) 2. Dual channel memory architecture 3. Support for DDR3 1666(OC)/1333/1066 MHz memory modules
Audio	1. Realtek ALC889A codec 2. High Definition Audio 3. 2/4/5.1/7.1-channel 4. Support for Dolby Home Theater (Note 2) 5. Support for S/PDIF In/Out 6. Support for CD In
LAN	1. 2 x Realtek 8111DL chip (10/100/1000 Mbit) 2. Support for Teaming
Erweiterungs Steckplätze	1. 2 x PCI Express x16 slots, running at x16 (The PCIEX16_1 and PCIEX16_2 slots support ATI CrossFireX technology, and conform to PCI Express 2.0 standard.) 2. 3 x PCI Express x1 slots 3. 2 x PCI slots
Storage Interface	South Bridge: 1. 1 x IDE connector supporting ATA-133/100/66/33 and up to 2 IDE devices 2. 6 x SATA 3Gb/s connectors supporting up to 6 SATA 3Gb/s devices

3. Support for SATA RAID 0, RAID 1, RAID5, RAID 10 and JBOD

GIGABYTE SATA2 chip:

1. 2 x JM322 chips (Smart Backup):
   - 4 x SATA 3Gb/s connectors (GSATA2_0, GSATA2_1, GSATA2_2, GSATA2_3) supporting up to 4 SATA 3Gb/s devices (Note 3)
   - Support for SATA RAID 0, RAID 1 and JBOD

ITE 8720 chip:

1. 1 x floppy disk drive connector supporting up to 1 floppy disk drive

IEEE 1394	T.I. TSB43AB23 chip 1. Up to 3 IEEE 1394a ports (2 on the back panel, 1 via the IEEE 1394a bracket connected to the internal IEEE 1394a header)
USB	Integrated in the South Bridge 1. Up to 12 USB 2.0/1.1 ports (8 on the back panel, 4 via the USB brackets connected to the internal USB headers)
Interne I/O Anschlüsse	1. 1 x 24-pin ATX main power connector 2. 1 x 8-pin ATX 12V power connector 3. 1 x floppy disk drive connector 4. 1 x IDE connector 5. 10 x SATA 3Gb/s connectors 6. 1 x CPU fan header 7. 2 x system fan header 8. 1 x power fan header 9. 1 x North Bridge fan header 10. 1 x front panel header 11. 1 x front panel audio header 12. 1 x CD In connector 13. 1 x S/PDIF In/Out header 14. 1 x IEEE 1394a header 15. 2 x USB 2.0/1.1 headers 16. 1 x serial port header 17. 1 x parallel port header 18. 1 x chassis intrusion header 19. 1 x power LED header 20. 1 x power switch 21. 1 x reset switch 22. 1 x clearing CMOS switch
Rear Panel I/O	1. 1 x PS/2 keyboard port 2. 1 x PS/2 mouse port 3. 1 x optical S/PDIF Out connector 4. 1 x coaxial S/PDIF out connector 5. 2 x IEEE 1394a port 6. 8 x USB 2.0/1.1 ports 7. 2 x RJ-45 port

	8. 6 x audio jacks (Center/Subwoofer Speaker Out/Rear Speaker Out/Side Speaker Out/Line In/Line Out/Microphone)
I/O	1. ITE IT8720 chip
H/W Monitoring	System voltage detection 1. CPU/System temperature detection 2. CPU/System fan speed detection 3. CPU overheating warning 4. CPU/System fan fail warning 5. CPU/System fan speed control (Note 6)
BIOS	1. 2 x 8 Mbit flash 2. Use of licensed AWARD BIOS 3. Support for DualBIOS™ 4. PnP 1.0a, DMI 2.0, SM BIOS 2.4, ACPI 1.0b
Unique Features	1. Support for @BIOS 2. Support for Q-Flash 3. Support for Virtual Dual BIOS 4. Support for Download Center 5. Support for Xpress Install 6. Support for Xpress Recovery2 7. Support for EasyTune (Note 5) 8. Support for Easy Energy Saver 9. Support for Time Repair 10. Support for Q-Share
Bundle Software	1. Norton Internet Security (OEM version)
Operating System	1. Support for Microsoft Windows Vista/ XP
Form Factor	1. ATX Form Factor; 30.5cm x 24.4cm